

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An optical scanner comprising:

a plurality of light sources configured to emit beams including first and second beams;

a coupling optical system ~~arranged~~ configured to couple beams emitted from the light sources;

a line image focusing optical system ~~arranged~~ configured to focus each beam coupled to a line image extending longer in a main scan direction;

a deflector ~~that has~~ provided with deflecting reflective surfaces on focused positions of the line image and a common rotary axis for the deflecting reflective surfaces, [is] and configured to be shared by ~~for all~~ the beams from the light sources[,] and to deflect ~~deflects~~ the beams focused;

a scanning optical system ~~arranged~~ provided with at least two scanning lenses and configured to guide the beams deflected to a plurality of target surfaces for optical scanning; and

a photodetector ~~arranged~~ configured to receive the beams deflected at the deflector, wherein

the beams traveling toward the deflector have an open angle θ in a deflecting rotation plane,

~~the scanning optical system includes at least two scanning lenses;~~

a scanning lens proximate to one of the target surfaces, among ~~surface, out of the at least two~~ scanning lenses, passes only the beams traveling toward ~~a same~~ the one of the target surface ~~surfaces~~, and

~~wherein~~ scanning lenses proximate to the target surfaces, among the at least two

scanning lenses, configured to guide ~~for guiding~~ the beams to different target surfaces have optical actions different from each other.

2. (Currently Amended) The optical scanner according to claim 1, wherein the scanning lens proximate to one of the target surfaces ~~surface~~ has a power in a sub scan direction higher than a power in a sub scan direction of a scanning lens proximate to the deflector.

3. (Currently Amended) The optical scanner according to claim 1, wherein the scanning optical system arranged between the deflector and the plurality of target surfaces ~~surface~~ for guiding the beams to different target surfaces includes a reducing optical system.

4. (Original) The optical scanner according to claim 1, wherein the scanning lenses proximate to the target surfaces for guiding the beams to different target surfaces are arranged in different layouts.

5. (Currently Amended) The optical scanner according to claim 1, wherein the scanning lens proximate to one of the target surfaces ~~surface~~ has a radius of sub scan curvature on at least one surface asymmetrically varying gradually from an optical axis toward both peripheries.

6. (Currently Amended) The optical scanner according to claim 5, wherein the scanning lenses proximate to the target surfaces for guiding the beams to different target surfaces have a same shape as each other and are rotated about an optical axis by 180 degrees oppositely from each other and arranged in different layouts.

7. (Original) The optical scanner according to claim 1, wherein the beams emitted from at least two light sources corresponding to different target surfaces are spatially separated from each other in the deflecting rotation plane on optical paths extending from the light sources to the line image focusing optical system.

8. (Original) The optical scanner according to claim 1, wherein at least two light sources corresponding to different target surfaces are integrated.

9. (Currently Amended) The optical scanner according to claim 1, wherein the photodetector ~~arranged~~ configured to receive the beams deflected at the deflector receives the beams corresponding to different target surfaces.

10-22. (Canceled)

23. (Currently Amended) An image forming apparatus comprising:
an optical scanner ~~that includes~~ comprising:

a plurality of light sources configured to emit beams including first and second beams;

a coupling optical system ~~arranged~~ configured to couple beams emitted from the light sources;

a line image focusing optical system ~~arranged~~ configured to focus each beam coupled to a line image extending longer in a main scan direction;

a deflector ~~that has~~ provided with deflecting reflective surfaces on focused positions of the line image and a common rotary axis for the deflecting reflective

surfaces, [is] and configured to be shared by ~~for all~~ the beams from the light sources[,]
and to deflect ~~deflects~~ the beams focused;

a scanning optical system ~~arranged~~ provided with at least two scanning lenses
and configured to guide the beams deflected to a plurality of photosensitive objects
surfaces for optical scanning; and

a photodetector ~~arranged~~ configured to receive the beams deflected at the
deflector, wherein

the beams traveling toward the deflector have an open angle θ in a deflecting rotation
plane,

~~the scanning optical system includes at least two scanning lenses;~~

a scanning lens proximate to one of the photosensitive objects, among ~~object, out of~~
the at least two scanning lenses, passes only the beams traveling toward ~~a same~~ the one of the
photosensitive ~~object~~ objects, and

~~wherein~~ scanning lenses proximate to the photosensitive objects, among the at least
two scanning lenses, configured to guide ~~for guiding~~ the beams to different photosensitive
objects have optical actions different from each other.

24-26. (Canceled)